This Track 1 Decision Document is marked "Draft" but is a final document signed by the agencies.

10/11 Date 3/24/2005

SITE 046 TRACK 1 DECISION DOCUMENTATION PACKAGE, OU 10-08

DECISION DOCUMENTATION PACKAGE COVER SHEET

Prepared in accordance with

TRACK 1 SITES: GUIDANCE FOR ASSESSING LOW PROBABILITY HAZARD SITES AT THE INEEL

Site Description:

Test Apparatus West of Central Facilities Area (CFA)

Site ID:

046

Operable Unit:

10-08

Waste Area Group:

10

I. Summary – Physical Description of the Site:

Site 046 consists of a test apparatus located adjacent to West Portland Avenue approximately 200 yards west of the Central Facilities Area (CFA). This site was originally listed as part of an environmental baseline assessment in 1994 and identified as a potential new waste site in 1995. In accordance with Management Control Procedure-3448, "Reporting or Disturbance of Suspected Inactive Waste Sites," a new site identification form was completed for this site. As part of the process, a field team wrote a site description, and collected photographs and global positioning system (GPS) coordinates of the site (the GPS coordinates are

GPS coordinate system is listed as North American Datum 27, Idaho East Zone, State Plane Coordinates. The new site identification process also included a search and review of existing historical documentation.

Site investigations and interviews revealed that the test apparatus consists of a metal cabinet, a solar panel, and a wooden structure protruding ~8 in. aboveground. Currently there is no electronic equipment in the metal cabinet and none of the visible wires appear to be connected. It was reported that this apparatus was a former weather monitoring station used by the National Oceanic and Atmospheric Administration (NOAA) at the INEEL approximately 20-30 yrs ago.

There is no visual evidence of hazardous constituents and no evidence that waste has recently been disposed of at this site. There is no evidence of stained or discolored soil or disturbed vegetation. The ground surface surrounding the metal cabinet and solar panel and within the wooden structure shows well-established native grasses and sagebrush. The description of the site conditions is based on site investigations and photographs. No field screening or sample data exist for this site.

DECISION RECOMMENDATION

II. SUMMARY – Qualitative Assessment of Risk:

There is no evidence that a source of contamination exists and no empirical, circumstantial or other evidence of contaminant migration. The reliability of information provided in this report is high. Field investigations, interviews with INEEL personnel, and photographs revealed no visual evidence of anything that might present and unacceptable risk to human health or the environment. Therefore, the overall qualitative risk at Site 046 is considered low.

III. SUMMARY – Consequences of Error:

False Negative Error:

The possibility that contaminant levels are above risk-based limits is remote. Field investigations and visual observations indicated no evidence of hazardous constituents. If hazardous materials and wastes were placed into this area, evidence such as stained soil, odors, loss of vegetation, fibrous materials, or other indications of contamination would be present.

False Positive Error:

If further action were completed at this low risk site, funds could exceed the environmental benefit. Surface soil sampling and analysis for organic compounds, metals, radionuclides or other hazardous constituents would be needed to confirm the presence or absence of contamination. Based on existing information, there is no need for further action at this site.

IV. SUMMARY – Other Decision Drivers:

There are no other decision drivers for this site.

Recommended Action:

It is recommended that this newly identified site be classified as No Further Action. Field investigations, interviews, and photographs indicate it is highly unlikely that hazardous or radioactive materials were generated or disposed of at this site. It is located in the southwestern section of the INEEL adjacent to West Portland Avenue and ~ 200 yards west of CFA. There is no visual evidence of contaminant migration, or historical or threatened release of hazardous substances, pollutants or contaminants. It was reported that the apparatus was a former weather monitoring station used by NOAA at the INEEL. There is no evidence that the wooden ground structure, metal cabinet or solar panel pose an unacceptable risk to human health or the environment.

Signatures:			# Pages:	16	Date:	08/27/01
Prepared By:	Marilyn Paarmann, WPI	DOE W	AG Manage	r:		· ·
Approved By:	Must Then	Indeper	ndent Revie	n: 50	out.	Perw

DECISION STATEM	ENT		
(DOE RPM)	Site	046	110-08

Date Received: 8/24/64

Disposition:

No Further Action is appropriate under CERCLA for this pile of office / lab dobris which poses no threat to human health or the environment but the trash should be collected and disposed as good site management

Date: 9/3/64 # Pages: /
Name: Lathleen E Hain Signature: Nathleen E Hain

		N STATEMEI PA RPM)	NT	M	
Date Received:	5/8/02	Site (046		
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ame: Wayne	Fielle	Signature:	Kaya	1	

``			STATEMENT Q RPM)	
Date Re	eceived:	September 4. 2001		
Disposition of the state of the	ition: # 046 site consists of of CFA. The a wooden structronic equipmer used by NOAA here is no evident	a test apparatus located a apparatus remaining at the ture protruding about 8 inc at remaining left in the cat		nel,
Date:	142725+	8,200)	# Pages: /	
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PROCESS/WASTE WORKSHEET	/ORKSHEET	
SITE ID: 046	PROCESS:	Test Apparatus West of CFA
	WASTE:	Metal cabinet, solar panel, wooden ground structure
Col 1 Processes Associated with this Site	Col 2 Waste Description & Handling Procedures	Col 3 Description & Location of any Artifacts/Structures/Disposal Areas Associated with this Waste or Process
Testing apparatus associated with INEEL operations.	Weather station testing apparatus used for INEEL weather monitoring operations.	Artifact: Weather Testing Apparatus
		Location: This site is located adjacent to West Portland Avenue, approximately 200 yds west of CFA.
		Description: A weather station test apparatus that includes: a wooden structure protruding eight in. aboveground, metal cabinet, and a solar panel. Currently there is no electronic equipment in the metal cabinet and none of the visible wires appears to be connected.
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CONTAMINANT WORKSHEET					
SITE ID : 046	PROCESS:	Test Apparatus West of CFA	f CFA		
	WASTE:	Metal cabinet, solar panel, wooden ground structure	nel, wooden ground s	tructure	
Col 4 What Known/Potential Hazardous Substance/Constituents are Associated with this Waste or Process?	Col 5 Potential Sources Associated with this Hazardous Material	Col 6 Known/Estimated Concentration of Hazardous Substances/ Constituents	Col 7 Risk-based Concentration	Col 8 Qualitative Risk Assessment (high/med/	Col 9 Overall Reliability (high/med/ low)
None	Soil	None	Not Applicable	Low	High
	·				

Question 1.	What are the waste generation processes, locations, and dates of operation associated with this site?	
Block 1	Answer:	
on the road le wooden struc electronic equ	ists of a former weather monitoring station located approximately 200 yd west of CFA ading to EBR-1 adjacent to West Portland Avenue. The apparatus consists of a ture protruding eight in. aboveground, a metal cabinet, and a solar panel. There is no ipment in the metal cabinet and none of the visible wires appear to be connected. weathered condition of the apparatus it is estimated to be approximately 20-30 yrs	
	•	
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)	
Interviews with INEEL Environmental Restoration Environmental Safety and Health (ER ES&H) personnel revealed that Site 046 is a former weather monitoring station. Nothing suggests that testing apparatus poses an unacceptable risk to human health or the environment.		
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Block 3	Has this INFORMATION been confirmed? 🗵 Yes 🔲 No If so, describe the confirmation. (check one)	
Interviews, and site investigations confirm the nature and purpose of the apparatus. Photographs confirm the type of apparatus and present condition of the site.		
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)	
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Question 2.	What are the disposal processes, locations, and dates of operation associated with this site? How was the waste disposed?	
Block 1	Answer:	
former weath	d site investigations reveal that Site 046 includes a test apparatus that served as a er monitoring station. The site is located in the southwestern section of the INEEL, est Portland Avenue, approximately 200 yds west of CFA.	
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)	
of a wooden of related to NO	h INEEL personnel revealed that this abandoned weather monitoring station consists ground structure, a metal cabinet and a solar panel. This testing apparatus was likely AA operations at the INEEL. Nothing is present that is likely to pose an unacceptable health or the environment.	
Block 3	Has this INFORMATION been confirmed? ⊠ Yes ☐ No If so, describe the confirmation. (check one)	
This information was confirmed with Interviews, investigations, photographs, and historical research of the site.		
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)	
	2, 5 Documentation about Data Disposal Data QA Data S Safety Analysis Report Surrence Report Initial Assessment Well Data	

Question 3.	Is there evidence that a source exists at this site? If so, list the sources and describe the evidence.		
Block 1	Answer:		
there is no incodors. The deconducted by aboveground,	vidence that a source exists at Site 046. Investigations and interviews revealed that dication of hazardous constituents, disturbed vegetation, stained or discolored soil, or or or bris is industrial in nature, and likely related to weather monitoring at the INEEL NOAA. The test apparatus consists of a wooden structure protruding eight inches a metal cabinet, and solar panel. Currently there is no electronic equipment in the one of the visible wires appear to be connected.		
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)		
solar panel lik	Interviews and investigations confirm that this site contains a wooden structure, metal cabinet and solar panel likely used for weather monitoring operations. It is highly unlikely that any hazardous constituents are present at this site pose an unacceptable risk to human health or the environment.		
Block 3	Has this INFORMATION been confirmed? ⊠ Yes ☐ No If so, describe the confirmation. (check one)		
Interviews, site investigations, photographs, and historical research confirm the information.			
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)		
	2, 5 Documentation about Data Disposal Data		

Question 4.	Is there empirical, circumstantial, or other evidence of migration? If so, what is it?			
Block 1	Answer:			
hazardous co appears to be panel. It has t	There is no evidence of migration at Site 046. Site investigations reveal no visual evidence of hazardous constituents, disturbed, stained or discolored soil areas, or odors. The vegetation appears to be well established around and within the testing apparatus, metal cabinet and solar panel. It has been determined that the site consists of equipment used for a weather monitoring station. There is no electronic equipment in the cabinet and none of the visible wires appear to be connected.			
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)			
Visual inspec metal cabinet	tions and photographs of the site show that vegetation surrounding the test apparatus, , and solar panel is well established and no soil staining or discoloration is present.			
Block 3 Has this INFORMATION been confirmed? Yes No If so, describe the confirmation. (check one)				
This information was confirmed through site inspections, interviews, and photographs.				
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)			
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Question 5.	Does site operating or disposal historical information allow estimation of the pattern of potential contamination? If the pattern is expected to be a scattering of hot spots, what is the expected minimum size of a significant hot spot?	
Block 1	Answer:	
substances of the area, odo (organics, me sampling aroun nature and pu	expected pattern of potential contamination because there is no evidence of hazardous or radioactive materials at the site. There is no evidence of stained or discolored soil in the result of the standard or discolored soil in the result of the standard or discolored soil in the result of the standard or discolored soil in the testing apparatus, metal cabinet and solar panel. However, because of the apparatus, it is highly unlikely that contaminants would be present at risk-based limits.	
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)	
site investigat weather moni	on was obtained from a 1994 environmental baseline assessment and a subsequent cion. The investigation revealed that the debris is industrial in nature and related to toring. Photographs indicate that the soil is not stained or discolored and vegetation he apparatus is well established.	
Block 3	Has this INFORMATION been confirmed? ⊠ Yes ☐ No If so, describe the confirmation. (check one)	
This information was confirmed through site investigations, photographs, interviews and historical research.		
D. 1.4		
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)	
	2, 5 Documentation about Data Disposal Data Disposal Data DA Data S Safety Analysis Report Site Drawings Unitial Assessment Decuments Decuments Decumentation about Data Disposal Data Decumentation about Data	

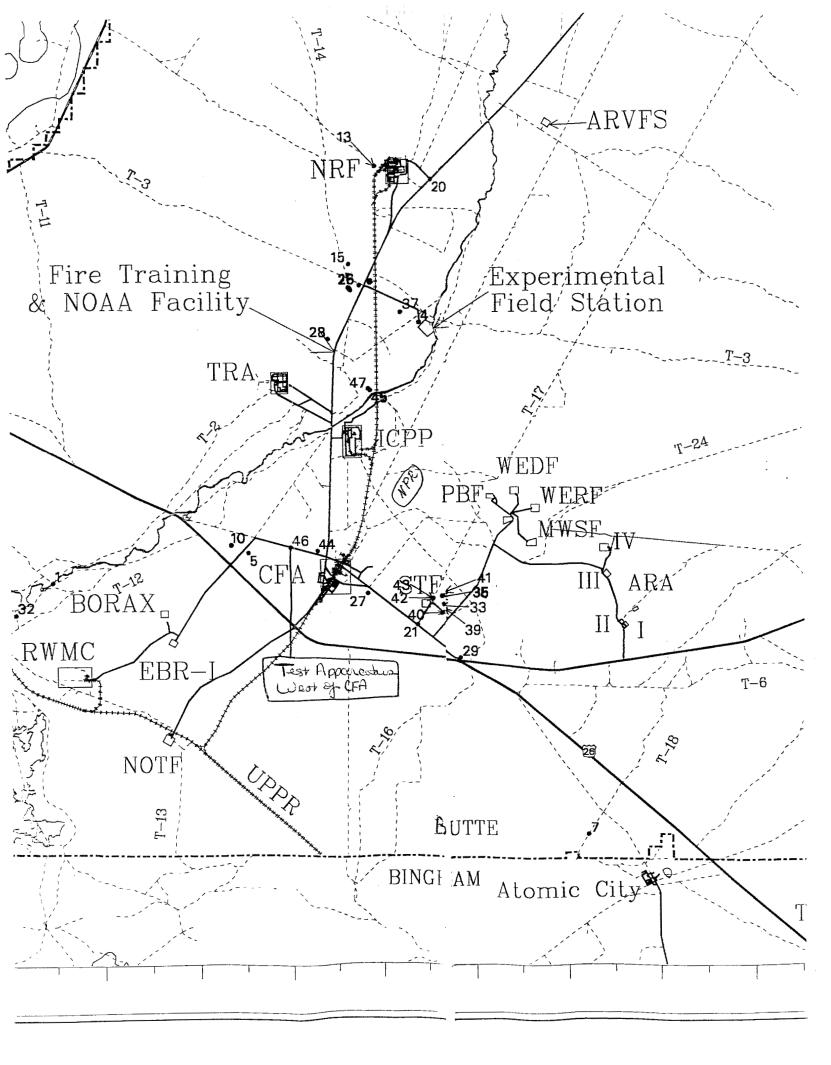
Question 6.	Estimate the length, width, and depth of the contaminated region. What is the known or estimated volume of the source? If this is an estimated volume, explain carefully how the estimate was derived.
Block 1	Answer:
an approxima aboveground no electronic It was reporte INEEL. There	tions and photographs indicate that Site 046 contains a test apparatus, which covers te 5 ft by 5 ft area. The apparatus consists of a wooden structure protruding eight in. Next to the wooden structure are a metal cabinet and solar panel. Currently there is equipment in the metal cabinet and none of the visible wires appear to be connected. It is that the apparatus was a former weather monitoring station used by NOAA at the is no evidence of a source at this site or contaminated region to estimate because idence of hazardous or radioactive materials.
Block 2	How reliable are the information sources? High Med Low Explain the reasoning behind this evaluation. (check one)
This informati investigation	on was obtained from a 1994 environmental baseline assessment, subsequent site and interviews, none of which gave any indication of potential contamination.
Block 3	Has this INFORMATION been confirmed? ⊠ Yes □ No If so, describe the confirmation. (check one)
Interviews. si	te investigations, photographs and historical research confirm this information.
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)
	2, 5 Documentation about Data ocess Data Disposal Data QA Data S Safety Analysis Report Site Drawings Currence Report Disposal Data Disposal

Question 7.	What is the known or estimated quantity of hazardous substance/constituent at this source? If the quantity is an estimate, explain carefully how the estimate was derived.				
Block 1	Answer:				
The estimated quantity of hazardous substances/constituents at this site is near zero, because there is no evidence of any hazardous or radioactive material present at Site 046. The site consists of a wooden ground structure protruding eight in. aboveground, a metal cabinet and solar panel. There is no electronic equipment in the cabinet and none of the visible wires appear to be connected. The apparatus was reported to be a former weather monitoring station used by NOAA. It is highly unlikely that the site poses and unacceptable risk to human health or the environment.					
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)				
This information was obtained from an environmental baseline assessment, site investigation, interviews and photographs. There is no indication that the testing apparatus potentially contains contamination. Photographs taken of the site show no evidence of staining or discoloration from hazardous substances/constituents.					
Block 3	Has this INFORMATION been confirmed? ⊠ Yes ☐ No If so, describe the confirmation. (check one)				
This information was confirmed through site inspections, interviews, photographs and historical research.					
Block 4	Sources of Information (check appropriate box(es) & source number from reference list)				
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Question 8.	Is there evidence that this hazardous substance/constituent is present at the source as it exists today? If so, describe the evidence.				
Block 1	Answer:				
There is no evidence that a hazardous substance or constituent is present at levels that require action at this site. It was determined that the apparatus is a former weather monitoring station. There is no visible indication of stained or discolored soil, or hazardous constituents that might pose an unacceptable risk to human health or the environment.					
Block 2	How reliable are the information sources? ⊠ High ☐ Med ☐ Low Explain the reasoning behind this evaluation. (check one)				
This evaluation is based on interviews, site visitations and photographs of the area. The site shows no soil staining or discoloration, or odors. The vegetation surrounding the debris appears to be well established. There is no visual evidence of hazardous constituents present.					
Block 3 Has this INFORMATION been confirmed? Yes No If so, describe the confirmation. (check one)					
This information was confirmed through site inspections, historical research, interviews and photographs.					
Block 4	Sources of Information (check appropriate box(es) & source number from				
BIOCK 4	Sources of Information (check appropriate box(es) & source number from reference list)				
	2, 5 Documentation about Data Disposal Data				

REFERENCES

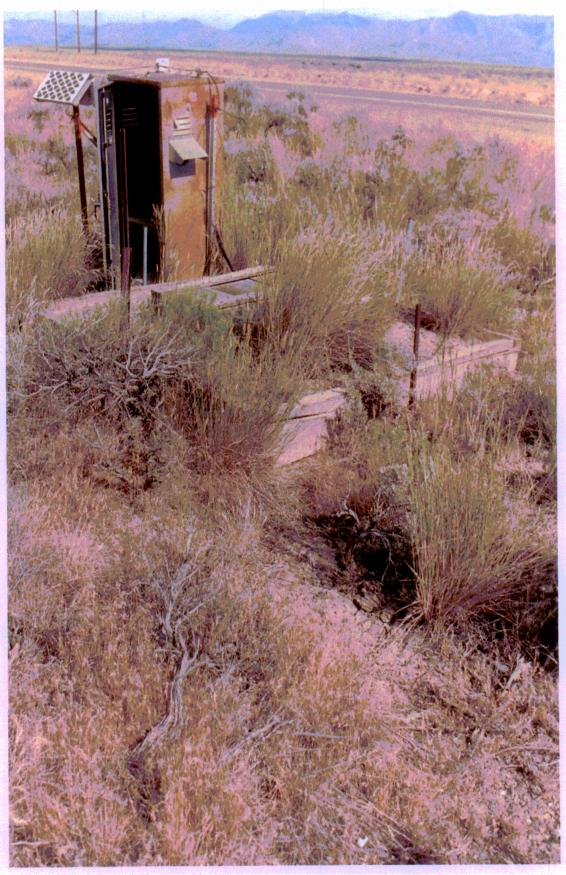
- 1. DOE, 1992, Track 1 Sites: Guidance for Assessing Low Probability Sites at the INEL, DOE/ID- 10390 (92), Revision 1, U.S. Department of Energy, Idaho Falls, Idaho, July.
- 2. Interview with an Environmental Baseline Assessment team member, February 6-7, 2001.
- 3. Photograph of Site 046: PN99-0424-1-3.
- 4. FY 1999 WAG 10 Newly Identified Sites, Volumes I and II.
- 5. Interview with Brenda Ringe Pace, INEEL Cultural Resources Management, February 7, 2001.



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Attachment A

Photograph of Site #046



Site: 046 Test Apparatus West of CFA (PN99-0424-1-3)

Attachment B

Supporting Information for Site #046

435.36 04/14/99 Rev. 03

NEW SITE IDENTIFICATION

Part A – To Be Completed By Observer							
1.	Person Initiating Report: Jacob Harris	Phone: 526-1877					
	Contractor WAG Manager: Douglas Burns	Phone: 526-4324					
2.	Site Title: 046, Test Apparatus West of CFA						
3.	Describe the conditions that indicate a possible inactive or unreported waste site. Include location and description of suspicious condition, amount or extent of condition and date observed. A location map and/or diagram identifying the site against controlled survey points or global positioning system descriptors shall be included to help with the site visit. Include any known common names or location descriptors for the waste site.						
	An unknown test apparatus is located adjacent to West Portland Ave., 200 yo apparatus consisted of a square wooden structure sticking 8 inches out of the cabinet and a solar panel. Currently there is no electronics equipment in the r be connected. The GPS coordinates of the site are can be found on the summary map as provided.	ground. Next to the wooden structure was a metal					
Pa	rt B – To Be Completed By Contractor WAG Manager						
4.	Recommendation:						
	This site meets the requirements for an inactive waste site, requires inve FFA/CO Action Plan. Proposed Operable Unit assignment is recommen WAG: 10						
	This site DOES NOT meet the requirements for an inactive waste site, D included in the INEEL FFA/CO Action Plan.	OES NOT require investigation and SHOULD NOT be					
5.	Basis for the recommendation:						
	The conditions that exist at this site indicate the potential for an inactive waste or Disturbance of Suspected Inactive Waste Sites.	e site according to Section 2 of MCP-3448 Reporting					
	÷						
	The basis for recommendation must include: (1) source description; (2) expectoncern; and (4) descriptions of interfaces with other programs, as applicable	osure pathways; (3) potential contaminants of e (e.g., D&D, Facility Operations, etc.)					
6.	Contractor WAG Manager Certification: I have examined the proposed site a believe the information to be true, accurate, and complete. My recommendate	and the information submitted in this document and tion is indicated in Section 4 above.					
Na	me: Signature:	Date:					



PROJECT DOCUMENT REVIEW RECORD

Site 046 Track 1 Decision Documentation Package, OU 10-08: Test Apparatus West of CFA (DOE/ID 10952)	REVIEWER: IDEQ	CONWENT	Page 2, Block III - typo error in first sentence, first word - please Comment incorporated.		The header refers to site 046 but the text refers to site 050. Please Comment incorporated. correct.
	REVIE	PAGE NUMBER		Page 2	Last page cc
DOCUMENT TITLE/DESCRIPTION:	DATE: April 3, 2002	SECTION NUMBER	TS	·	٠
DOCUME	DATE:	TEM	COMMENTS		6